BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA DIVISION

ıe of Work: Repairs and Maintenance of foot path in Chowdeshwari ward no 02 of ıhanka sub division.

DETAILED ESTIMATE

Estimated Cost= 2000000.00

lo	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	CIVIL WORK								
	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (KPWD SR 2018-19, Page No.27, Item No.5.33)								
		Sqm							
	Drain Covering Slab								
	In Ward Limits		2	10.00	0.75		15.00		
			2	15.00	0.75		22.50		
			2	25.00	0.75		37.50		
			2	12.00	0.75		18.00		
			2	20.00	0.90		36.00		
			2	18.00	0.90		32.40		
			2	10.00	0.90		18.00		
			2	70.00	0.90		126.00		
			2	50.00	0.90		90.00		
			2	25.00	0.90		45.00		
			2	12.00	1.20		28.80		
			2	50.00	1.20		120.00		
			2	50.00	1.20		120.00		
			2	35.00	1.20		84.00		
							793.20		
			10% for Damage & Missing				-79.32		
						Total Quantity	713.88	111.30	79454.84

Rate Analysis	
Basic Rate	105.00
Area Weightage @6%	6.30
Total Amount	**111.30**

KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (KPWD SR 2018-19, Page No.143, Item No.19.1)

	Cum							
Drain Desilting								
In Ward Limits		2	10.00	0.60	0.50	6.00		
		2	15.00	0.60	0.50	9.00		
		2	25.00	0.60	0.50	15.00		
		2	12.00	0.60	0.50	7.20		
		2	20.00	0.60	0.50	12.00		
		2	18.00	0.60	0.50	10.80		
		2	10.00	0.60	0.50	6.00		
		2	70.00	0.60	0.50	42.00		
		2	50.00	0.60	0.50	30.00		
		2	25.00	0.60	0.50	15.00		
		2	12.00	0.60	0.50	7.20		
		2	50.00	0.60	0.50	30.00		
		2	50.00	0.60	0.50	30.00		
		2	35.00	0.60	0.50	21.00		

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
					Total Quantity	241.20	206.80	49880.16
Rate Analysis								
Basic Rate	130.00							
Area Weightage @6%	7.80							
Lead for 5Km (2x1.2x5)	12.00							
Loading & Unloading	57.00							
Total Amount	**206.80**							
SRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR 2018-19, Page No.13, Item No.4.6)								
	Cum							
For Coping								
		4	10.00	0.20	0.075	0.60		
		4	15.00	0.20	0.075	0.90		
		4	25.00	0.20	0.075	1.50		
		4	12.00	0.20	0.075	0.72		
		4	20.00	0.20	0.075	1.20		
		4	18.00	0.20	0.075	1.08		
		4	10.00	0.20	0.075	0.60		
		4	70.00	0.20	0.075	4.20		
		4	50.00	0.20	0.075	3.00		
		4	25.00	0.20	0.075	1.50		
		4	12.00	0.20	0.075	0.72		
		4	50.00	0.20	0.075	3.00		
		4	50.00	0.20	0.075	3.00		
		4	35.00	0.20	0.075	2.10		
					Total Quantity	24.12	5747.32	138625.36
Rate Analysis								
Basic Rate	5422.00							
Area Weightage @6%	325.32							
Total Amount	**5747.32**							
Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge Data Rate								
	Sqm							
Drain Covering Slab								
		2	15.00	0.90		27.00		
		2	18.00	0.90		32.40		
		2	25.00	0.90		45.00		
		2	10.00	0.90		18.00		
		2	18.00	1.20		43.20		
		2	20.00	1.20		48.00		
		2	25.00	1.20		60.00		
For Missing & Damage from Item No. 01						79.32		
					Total Quantity	352.92	2337.00	824774.04
Rate Analysis								
Basic Rate	2337.00							
Total Amount	**2337.00**							

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
Removing and resetting of kerb stones (KPWD SR 2018-19, Page No.270, Item No.37.57)								
	Rmtr							
		2	10.00			20.00		
		2	15.00			30.00		
		2	25.00			50.00		
		2	12.00			24.00		
		2	20.00			40.00		
		2	18.00			36.00		
						632.24		
		15% for Damage & Missing				-94.84		
					Total Quantity	537.40	104.94	56395.18

Rate Analysis	
Basic Rate	99.00
Area Weightage @6%	5.94
Total Amount	104.94

Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(KPWD SR 2018-19, Page No.27, Item No.5.30)								
	Nos							
		2	20.00		"/0.45	89.00		
		2	18.00		"/0.45	80.00		
		2	25.00		"/0.45	111.00		
		2	12.00		"/0.45	53.00		
						211.00		
For missing & damage								
					Total Quantity	544.00	432.48	235269.12

Rate Analysis	
Basic Rate	408.00
Area Weightage @6%	24.48
Total Amount	432.48

KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (KPWD SR 2018-19, Page No.180, Item No.24.1)								
	Sqm							
For Kerb		2	10.00		0.40	8.00		
		2	15.00		0.40	12.00		
		2	25.00		0.40	20.00		
		2	12.00		0.40	9.60		
		2	20.00		0.40	16.00		
		2	18.00		0.40	14.40		
		2	20.00		0.40	16.00		
		2	18.00		0.40	14.40		
		2	25.00		0.40	20.00		
					Total Quantity	130.40	84.80	11057.92

Rate Analysis

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
Basic Rate	80.00							
Area Weightage @6%	4.80							
Total Amount	**84.80**							
Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge Data Rate								
	Sqm							
For Culvert								
		2	5.00	1.20		12.00		
		2	6.00	1.20		14.40		
		2	5.50	1.20		13.20		
		2	5.00	1.50		15.00		
		2	5.50	1.50		16.50		
						Total Quantity	**71.10**	**5418.00**	**385219.80**
Data Rate								
Basic Rate	5418.00							
Total Amount	**5418.00**							

Construction Total Amount	**1780676.00**
Add GST Charges 12%	**213681.00**
Sub Total	**1994357.00**
Miscellaneous and unforeseen charges etc.L.S	**5643.00**
Grand Total	**2000000.00**

Certificate:

1. The work spot has been inspected and found to be necessary
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on CSR of 2018-19 of Issue Rates on 02.11.2021

Assistant Engineer
Ward No-08
BBMP Bangalore

Assistant Executive Engineer
Yelahnka Sub-Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore

Administrative Approval

Accorded For 20.00 Lakhs.
Head of A/C 3726
CER NO : 58 Dt. 13/12/2021

TA

CE (NZ)(K)

TECHNICALLY SANCTIONED FOR Rs. 20.00 Lakhs
Rupees Rupees Twenty lakhs only
Under 3726 - Road works.
Registered as CE ( ) No. 14 99
Subject to conditions ned in
enclosed memo EE ( ) No /9/
Dt. 13/12/2021 Estima Sanctioned
BBMPEE/YNK-DTS/14/2021-22 No. 14
Dated 13/12/2021 Rs. 20.00 Lakh

Executive Engineer